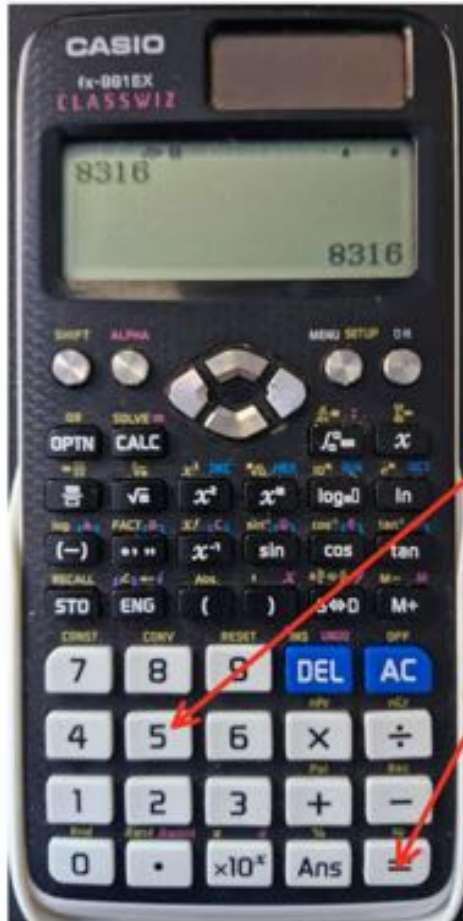


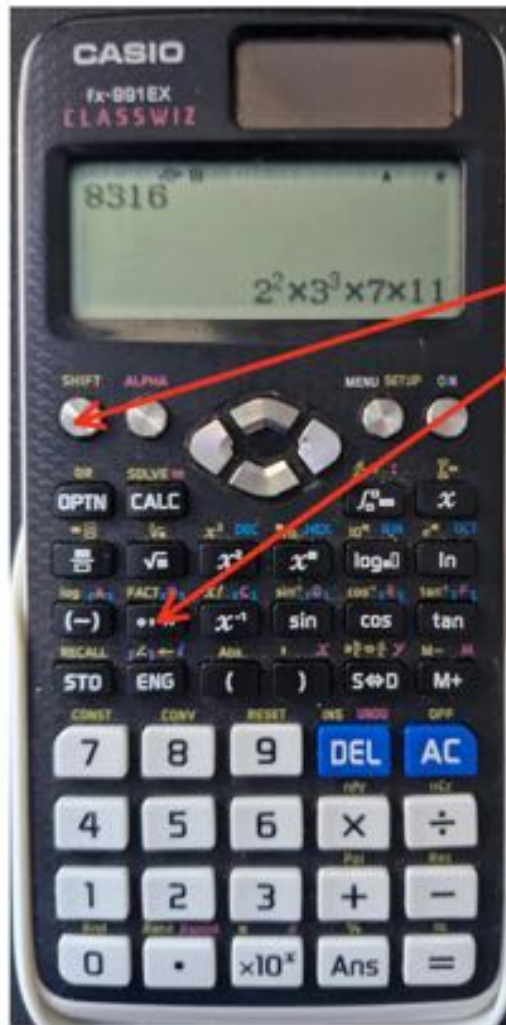
Hack 2 - Using the calculator to write a number as a Product of Prime Factors / Powers

Your calculator will factorise any number into its product of prime factors / powers.

From the home screen, enter the number that you wish to factorise into its prime factors or prime powers:

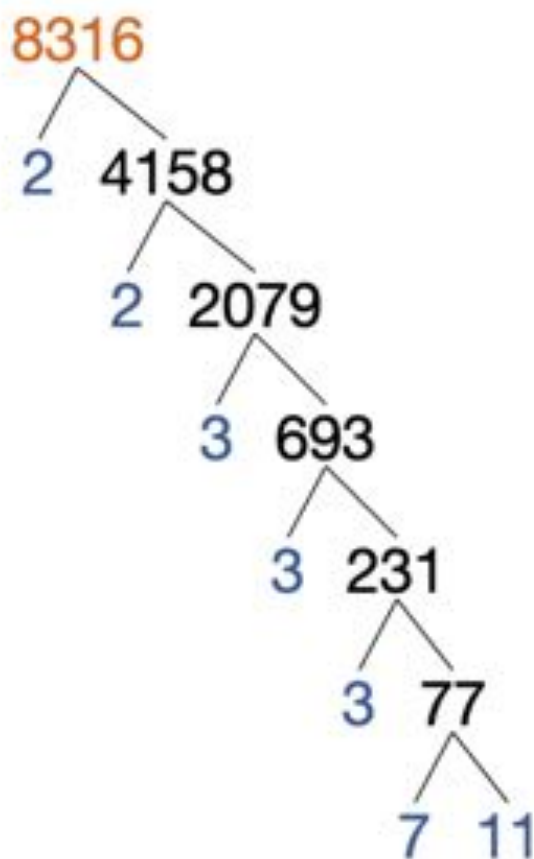


For this example, type in the number 8316 and commit the number to the calculators memory by pressing the equals button



Now press the Shift Key followed by the FACT button and the calculator will automatically factorise the number into its Product of Prime Powers as can be seen on the screen

For clarity, below is a model solution to the example used above:



Answer

$$8316 = 2^2 \times 3^3 \times 7 \times 11$$

$$8316 = 2 \times 2 \times 3 \times 3 \times 3 \times 7 \times 11$$